

CHAPTER I

PRELIMINARY

1.1 Background

Now the spread of information technology has been growing very rapidly. Internet access was more easily obtained by the public also support the ease of finding information on existing websites. This also applies to the tourists and tourists from both domestic and foreign. The tourists who used to only be able to get tourism information from travel agents now easily find a variety of information via the Internet. One of information which is often sought after by tourists information about the hotel is that they live in.

Selekta Hotel is a hotel located in the tourist area of Malioboro, convenient location and cheap rate makes Hotel Selekta be a very good choice for tourists, especially backpackers. At this time Selekta hotel does not have an official website, which causes a lack of exposure to the tourists. It can make tourists choose another hotel because they did not have information on Hotel Selekta, although the facility and Selekta superior hotel rates.

Hotel Selekta also do not have a room reservation system online. Booking hotel rooms online to facilitate communications and transactions between consumers and hotel staff, cause a rise in productivity. Booking hotel rooms

online will also facilitate bookings for those who wish to plan their holidays in more distant date.

According the problem described above, the authors find that the hotel Seleкта require a system that can help to resolve these problems. The author intends to create a web-based information system as a thesis titled "Analysis and Design of Information Systems Room Reservations Website based on Seleкта Hotel Yogyakarta".

1.2 Problem Formulation

Hotel Seleкта still do not have an official website, and in modern times, it can lead to the defeat of the competition Seleкта hotel to another hotel. Most tourists now rely on Google Maps and information from the Internet that is accessible via their laptop or smartphone to search and compare wish they occupy. Booking hotel rooms were already using the online system.

1. How can I analyze and establish the website as a means of online room reservations at Hotel Seleкта Yogyakarta?
2. How does this information system can help promote Hotel Seleкта to potential guests?

1.3 Limitations

1. The data used is data relating to Hotel Seleкта.
2. *website* hotel will be built using Hyper Text Markup Language (HTML), Personal Home Page (PHP), and Cascading Style Sheets (CSS)

3. *Database* which is used by the system is MySQL.
4. Processing images and icons will be done using Adobe Photoshop
5. This information system will use two languages, English and Indonesian.
6. This system does not discuss detailed security issues, just general security issues such as usernames, passwords and permissions.
7. Users of this website is the hotel staff, managers and potential customers.
8. Detailed description of the Network and Human error

1.4 Purpose and research objective

Benefits of this thesis for Seleкта hotel are:

1. Being a hotel promotional media to be known more easily by various external parties
2. Make it easier for hoteliers to manage the data reservation by customer
3. Adding to the convenience of the hotel to provide guests access navigation information to attractions around the hotel.

Benefits of this thesis for writers is:

1. The author can implement the knowledge that has been gained from the lecture bench in hotel website design information systems.
2. Qualify for graduation authors obtained a degree in Information Systems Yogyakarta Amikom University.
3. Getting experience in making online hotel reservation system.

1.5 Research Method

1.5.1 Data Collection Methods

1. Interview

This method is done by conducting interviews to the parties concerned. Activities undertaken include the conduct interviews to owner Selektta Yogyakarta hotel on operational procedures and constraints that are often encountered during the hotel operation.

2. Observation

This method is done by making observations and recording of the research object systematically to the problem was investigated. The activities are a direct observation operations Selektta Hotel Yogyakarta.

3. Literature review

A literature study is collecting data by studying books and journals related to problems encountered in the study.

1.5.2 Analysis Method

To test the feasibility of a new system, there are several criteria that should be analyzed first. The criteria are based on the method of analysis PIECES will evaluate the system in terms of performance (Performance), Information (Information), Economy (Economy), Security (Control), efficiency (Efficiency) and Service (Service).

1.5.3 Development Method

The design of the system is done by the Waterfall method or Model Falls. This model uses a software development approach that is systematic and bersekuensi. That starts at the level of progress of the entire phase, namely analysis, system design, coding, testing, and maintenance.

1.5.4 Design Method

System development starting from studies and data collection, analysis software requirements, design or data processing system that includes design Flowchart, DFD and ERD.

1.5.5 Testing Methods

In testing this system, the authors used two methods of testing, the White box testing and Black box testing.

White box testing is a test that is based on checking the details of the design software, using the format of the design software control gradually to divide the various aspects of the testing in some cases. It can be concluded that the white box testing is a method of testing to get a program that runs 100% smoothly.

Black Box testing is a method of testing conducted to evaluate the results of the execution through test data and examine the functional requirements of a software. Black box testing only evaluate from the outside appearance and functionality of the software without knowing what is happening in the software process (just knowing the input and output).

1.5.6 Writing Systematics

A systematic writing has been made based on each point, which is as follows:

CHAPTER I INTRODUCTION

This chapter provides an introduction to the issues to be discussed contains the background of the problem, fomulation of the problem, problem definition, research objectives, the benefits of research, data collection methods and systematic writing.

CHAPTER II: THEORETICAL

In this chapter will use the theory - the theory that supports the thesis of the author dapam manufacture. Among the literature review and an explanation of the basic theory.

CHAPTER III: ANALYSIS AND DESIGN SYSTEM

Analisis form of the cases examined include problem analysis, system requirements analysis, system feasibility analysis and system design.

CHAPTER IV: IMPLEMENTATION AND DISCUSSION

This chapter discusses the implementation of the design of the system is developed, the results obtained during the process occurred and the final result.

CHAPTER V CLOSING

This chapter contains the conclusions derived from the discussions relating to the final title and application development advice.